

4

3

2

1

D

D

C

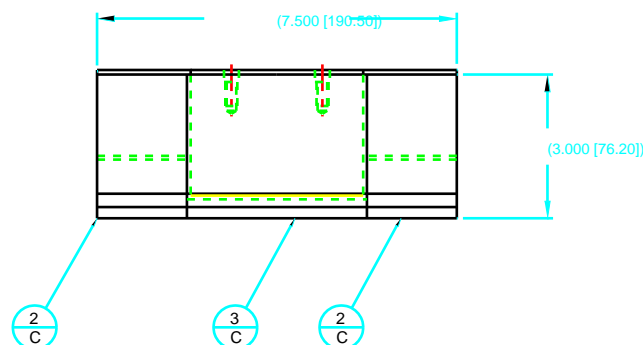
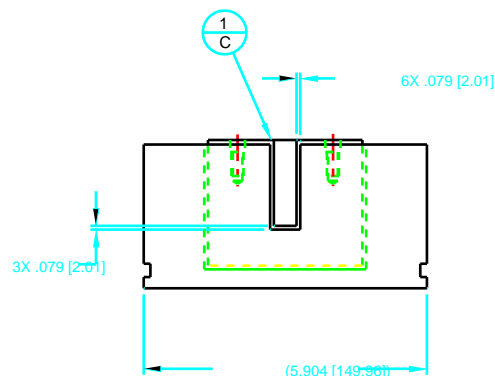
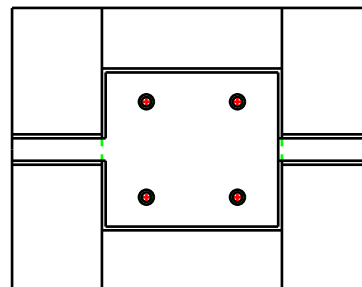
C

B

B

A

A



## NOTES:

1. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
2. CLEANING: THE COMPONENT MUST BE CLEANED SUCH THAT A UHV PRESSURE OF  $1 \times 10^{-9}$  TORR CAN BE ACHIEVED
3. HANDLING: THE COMPONENTS SHALL BE HANDLED WITH WHITE SILK GLOVES AND WRAPPED WITH ALUMINUM FOIL TYPE DRY ANNEAL AND UNDER CLEAN ROOM CONDITIONS
4. DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REF. ONLY

SYN	CHANGE DESCRIPTION	BY	CHKD	DATE
	REVISIONS			

3	S3-220003-00	S3 MIDDLE LOWER SHUTTER	TUNGSTEN	1
2	S3-220002-00	S3 LEFT & RIGHT LOWER SHUTTER	TUNGSTEN	2
1	S3-220001-00	S3 UPPER SHUTTER	TUNGSTEN	1
ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES		PARTS LIST		THIS DRAWING IS THE PROPERTY OF	
TOLERANCES		S3220000-00		ARGONNE NATIONAL LABORATORY	
DECIMALS		ANGULAR		DRAWN BY	
.1 (2.5)		.030"		MUSCIA	
.01 (0.25)				DATE	
.005 (0.13)				5/8/98	
SURFACE ROUGHNESS		125		CHECKED BY	
REMOVE ALL BURRS AND BREAK SHARP EDGES TO MAX.				J. CHANG	
SURFACE FINISH TO BE IN ACCORDANCE WITH LATEST ASST. DIR. SPECIFICATIONS & FOLLOWING IN ACCORDANCE WITH LATEST ASST. DIR.				DATE	
				7/7/98	
				DESIGNER	
				CHANG/MUSCIA	
				DATE	
				5/8/98	
				PROJECT MGR.	
				T.M. KUZAY	
				DATE	
				7/15/98	
				APPROVED/RELEASED	
				J. CHANG	
				DATE	
				7/7/98	
				MATERIAL	
				SEE PARTS LIST	
				SCALE	
				HALF	
				SHEET 11	
				SIZE	
				C	
				DRAWING NUMBER	
				S3-220000-00	